# ABSTRACT

A technique for language verification of a Java® card CAP file is provided. The Java® card CAP file is converted from an original Java® code file while conserving its original Java® semantics. The Java® card CAP file is converted into a corresponding converted Java® code file that is semantically identical to the Java® card CAP file. In a language-verification step, the converted Java® code file is then verified if it has been found to comply with a predetermined language specification.

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